

Amendments to the Specification:

Please replace the paragraph beginning on page 4, line 7 with the following amended paragraph:

The rotary screw air compressor 12 (also known as an airend) includes a housing 16 from which extends a shaft 18 (known as an airend input shaft) in use driven to rotate one of the compressor rotors 13 by the motor 14. The shaft 18 includes a first portion 17 positioned within the housing 16 upon which the rotor [16] 13 is mounted and a second portion 19 beyond the housing [19] 16 upon which the rotor shaft 50 is mounted, as described in detail hereinafter.

Please add the following paragraph after the paragraph beginning on page 3, line 31:

--Figure 5 is a sectional view of a second embodiment of the present invention with the stator assembly directly connected to the compressor housing.--